

Product datasheet for MC225369

Igsf10 (NM_001162884) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igsf10 (NM_001162884) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Igsf10
Synonyms:	6530405F15Rik; 9030224D03; AA409708; AA536958; Adlican2; AI414626; CMF608
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225369 representing NM_001162884 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGAAGAGAGGCAGGGAAGTCAGCTGCTTGTCTGATCTCCCTCACTGCCATCTGCCTGGTGGTCACCC
CTGGGAGCAGGGTCTGTCTCGCCGATGTGCCTGCTATGTGCCACAGAGGTGCACTGTACATTTTCGGTA
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 AGCCTCAGATTCTGGCGTCTATAAATGCAGAGCACAGAACGTGCTTGGTGCCGATTATGCAACAACCTAC
 ATCCAGGTCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001162884

Insert Size:

7785 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001162884.1, NP_001156356.1</u>
RefSeq Size:	10084 bp
RefSeq ORF:	7785 bp
Locus ID:	242050
UniProt ID:	<u>Q3V1M1</u>
Cytogenetics:	3 D
Gene Summary:	Involved in the control of early migration of neurons expressing gonadotropin-releasing hormone (GNRH neurons) (PubMed:27137492). May be involved in the maintenance of osteochondroprogenitor cells pool (By similarity).[UniProtKB/Swiss-Prot Function]